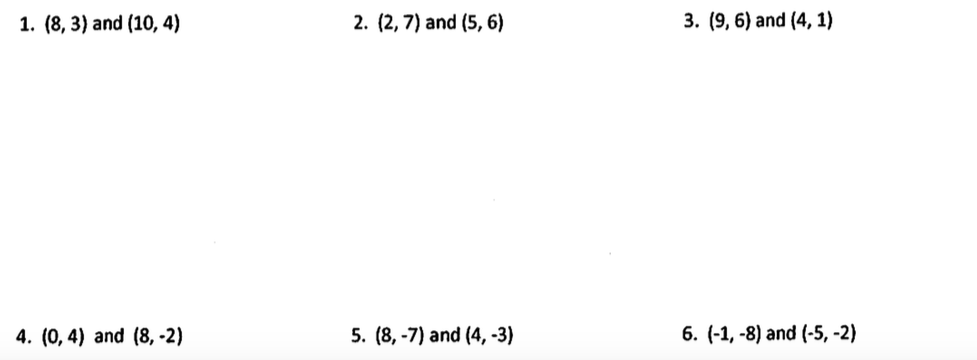
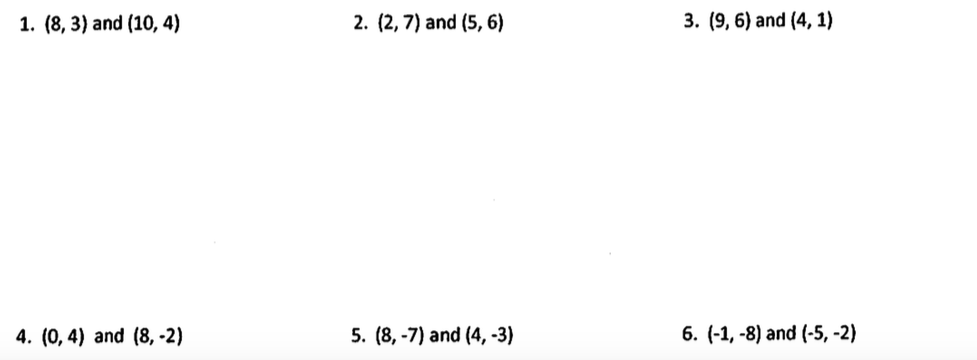
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

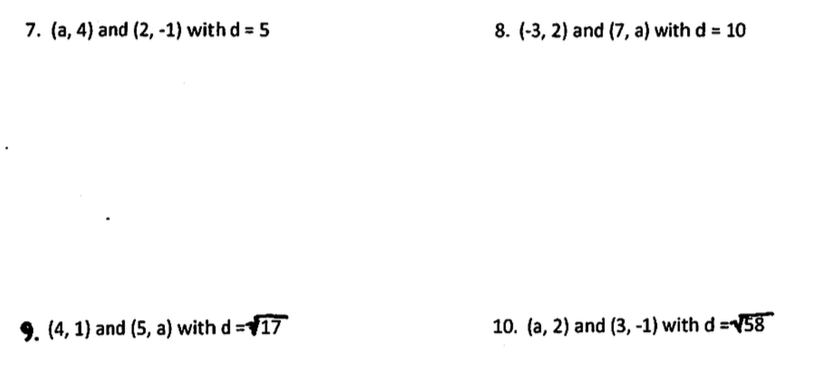
**2.7 More Distance and Midpoint Formula STATION ONE**

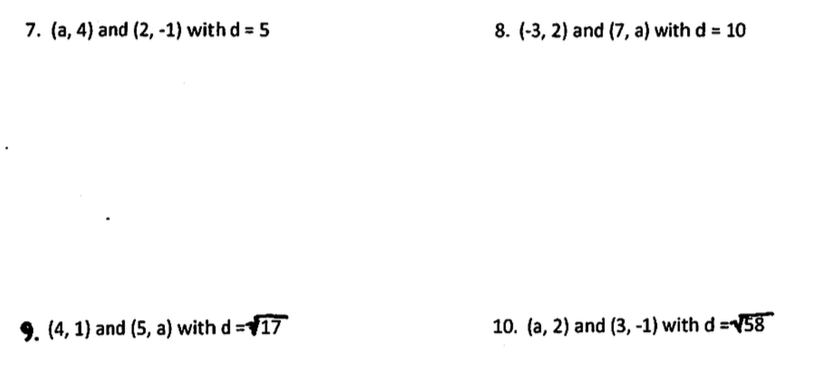
Directions: Find the distance between the two points without graphing.





Directions: Find the value of *a*, given the distance, *d*.

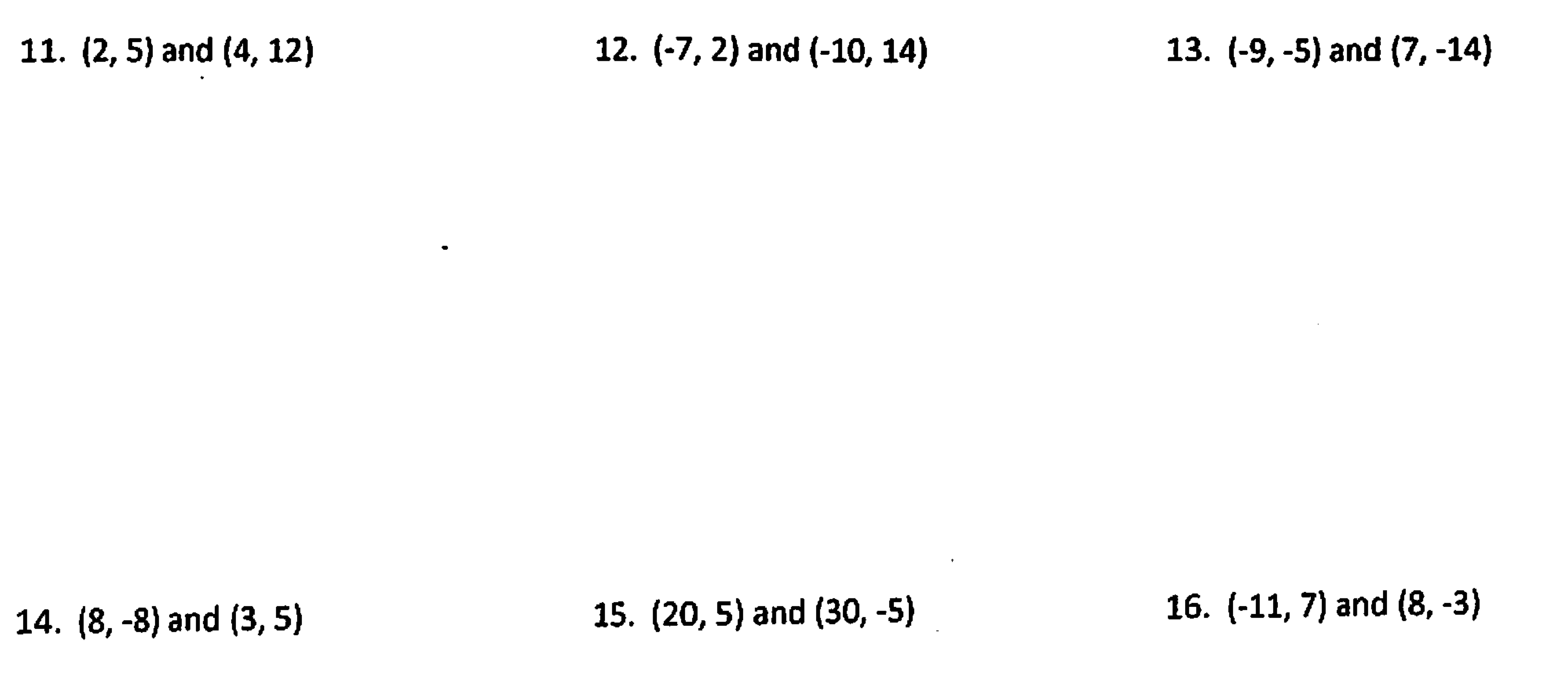




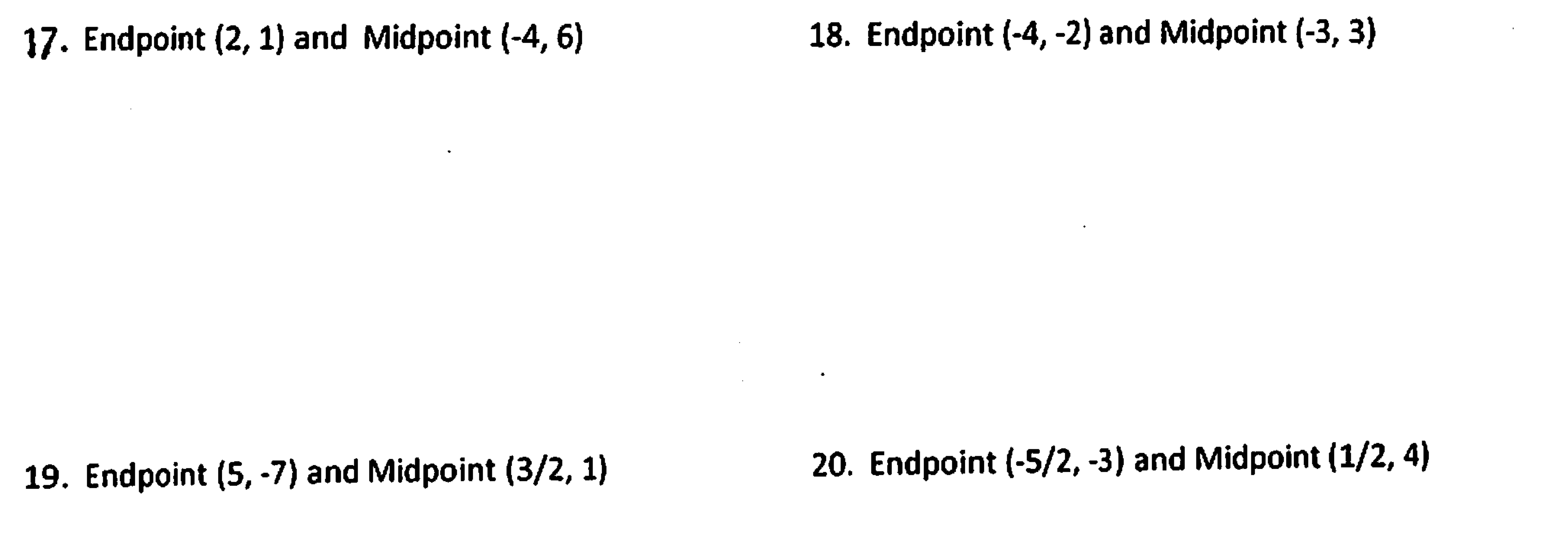
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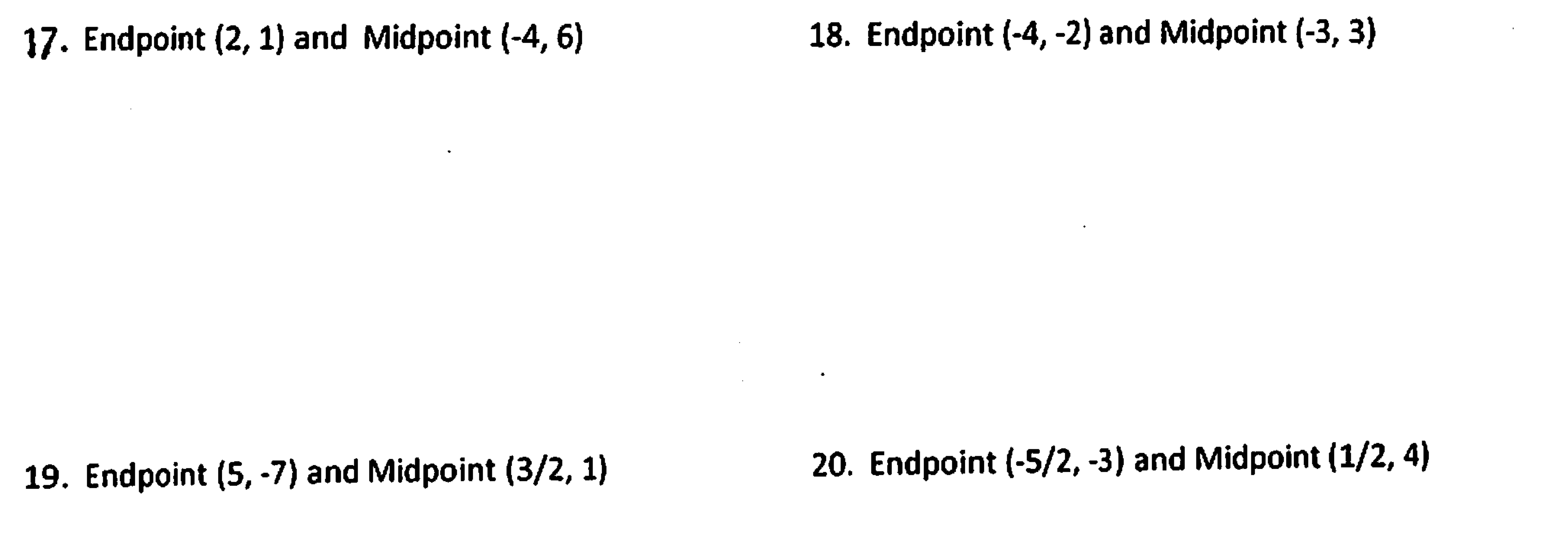
**2.7 More Distance and Midpoint Formula STATION TWO**

Directions: Find the midpoint, given two endpoints.



Directions: The midpoint and one endpoint are given. Find the coordinates of the other endpoint.





Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**2.7 More Distance and Midpoint Formula STATION THREE… SIMPLIFY**



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**2.7 More Distance and Midpoint Formula STATION FOUR**

1. What is the difference between finding the midpoint between two endpoints and finding the distance between two endpoints?
2. What is a radical?
3. What are the steps to simplifying a radical?
4. BONUS: How does the distance formula relate to the Pythagorean Theorem?